

We Claim:

1. An orthopedic implant, comprising: a foraminous, corrugated biocompatible material formed into a sleeve.
- 5 2. The orthopedic implant of claim 1, wherein the orthopedic implant is provided with a first and second end and a length dimension extending therebetween, wherein the first and second ends are open.
3. The orthopedic implant of claim 1 wherein the implant is provided with a plurality of lobes and depressions.
4. The orthopedic implant of claim 1 wherein the biocompatible material is titanium.
- 10 5. The orthopedic implant of claim 1 wherein the walls of the implant have a thickness dimension in the size range of about 0.5 mm to about 3.0 mm
6. The orthopedic implant of claim 1 wherein the implant is provided with four lobes and four depressions.
7. The orthopedic implant of claim 1 wherein the implant is provided with six lobes and six depressions.
- 15 8. The orthopedic implant of claim 1 wherein the implant is constructed from a foraminous corrugated loop.
9. The orthopedic implant of claim 1 wherein the implant is constructed from a foraminous corrugated sheet.
- 20 10. The orthopedic implant of claim 1 wherein the implant is comprised of an intersecting network of landed regions that define a plurality of openings in the network, wherein the openings are dispersed among the landed regions.
11. The orthopedic implant of claim 1 wherein the implant has a substantially circular shape.
- 25 12. The orthopedic implant of claim 1 wherein the implant has a substantially elliptical shape.



24. A method of providing an orthopedic implant, comprising:

Providing a loop suitable for construction into a sleeve;

Selecting the shape, size and position of openings and corrugations to be made in the sheet;

5 selecting a biocompatible material; and

forming the implant according to the design.

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